

BEST AVAILABLE COPY

Exhibit 5: Calculated OTR and O₂ Flux Values Required to Maintain 5% O₂ Level

387,500 cc/m²-day (25,000 cc/100 in²-day) at 4C
100g mushrooms, Lidding Film 26.38 In²

TIME (hrs)	MOLE %O ₂	MOLE %CO ₂
0	21.0000	0.0000
4	18.9310	1.2492
8	17.0490	2.3977
12	15.3530	3.4472
16	13.8380	4.4000
20	12.4970	5.2594
24	11.3220	6.0294
28	10.3040	6.7148
32	9.4308	7.3213
36	8.6895	7.8551
40	8.0667	8.3228
44	7.5483	8.7310
48	7.1200	9.0800
52	6.7704	9.3958
56	6.4857	9.6647
60	6.2556	9.8987
64	6.0705	10.1030
68	5.9223	10.2810
72	5.8040	10.4380
76	5.7098	10.5750
80	5.6350	10.6960
84	5.5757	10.8040
88	5.5287	10.8990
92	5.4916	10.9840
96	5.4629	11.0600
100	5.4390	11.1290
104	5.4207	11.1900
108	5.4063	11.2460
112	5.3949	11.2960
116	5.3859	11.3410
120	5.3788	11.3830
124	5.3732	11.4200
128	5.3688	11.4540
132	5.3653	11.4850
136	5.3625	11.5130
140	5.3604	11.5390
144	5.3587	11.5630
148	5.3573	11.5840
152	5.3563	11.6040
156	5.3554	11.6220
160	5.3548	11.6390
164	5.3543	11.6540
168	5.3538	11.6680
172	5.3535	11.6810
176	5.3533	11.6920
180	5.3531	11.7030

